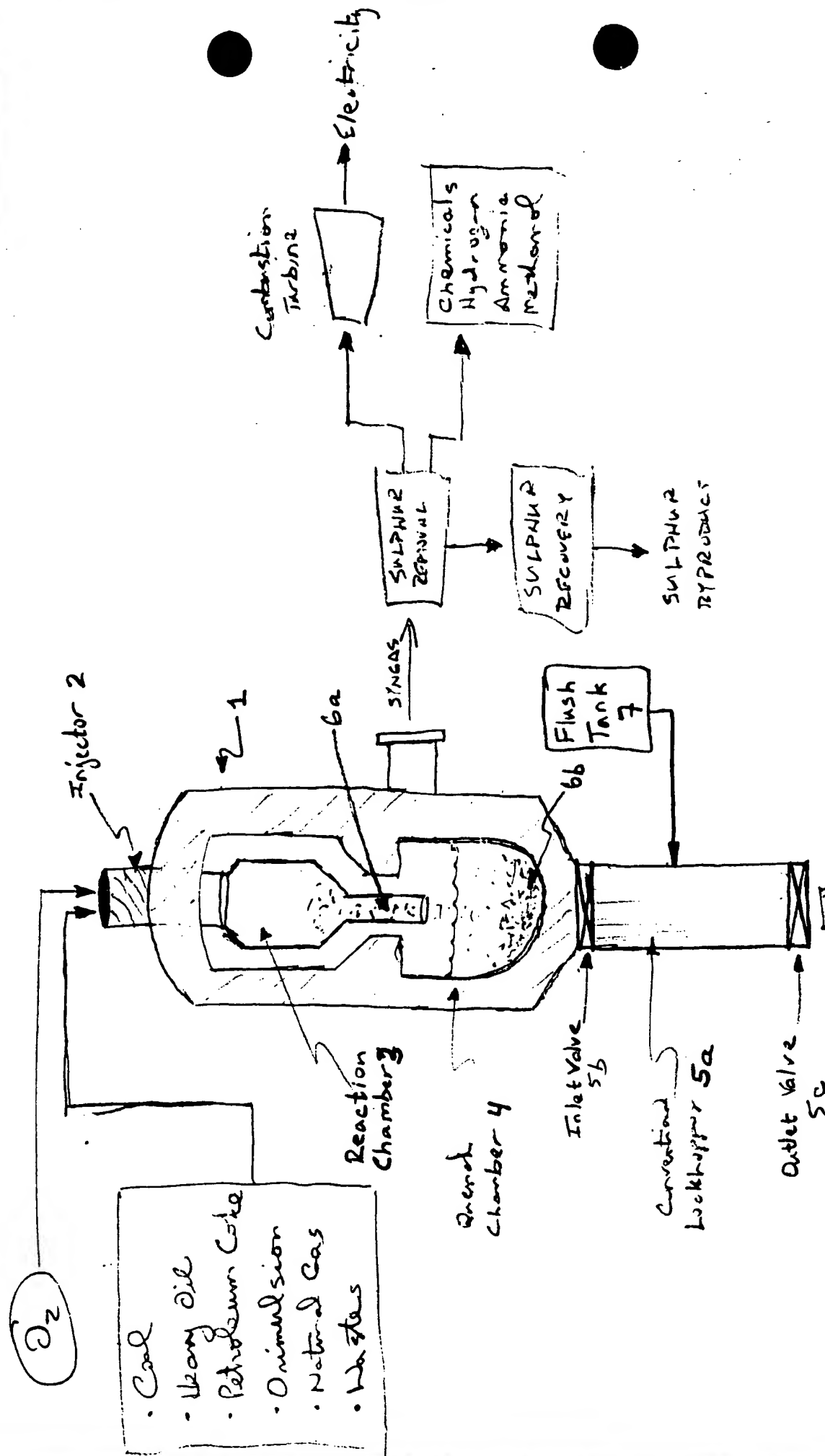


Feedstock

Gasification

Gas CLEAN-UP

END PRODUCTS



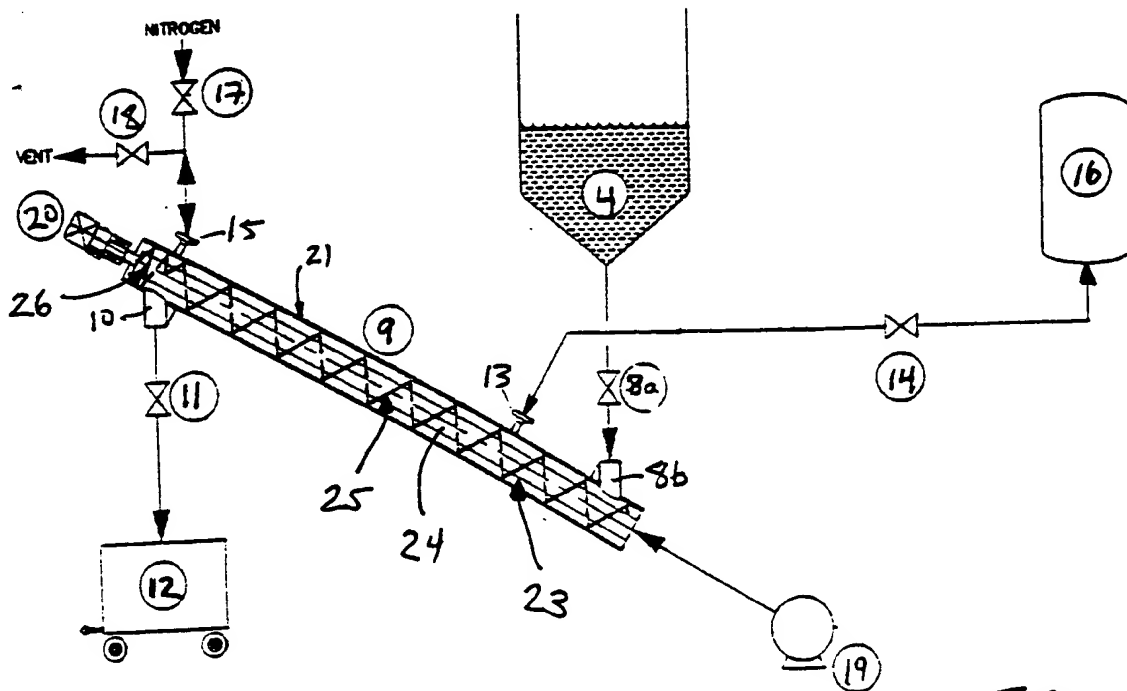


FIG. 2a

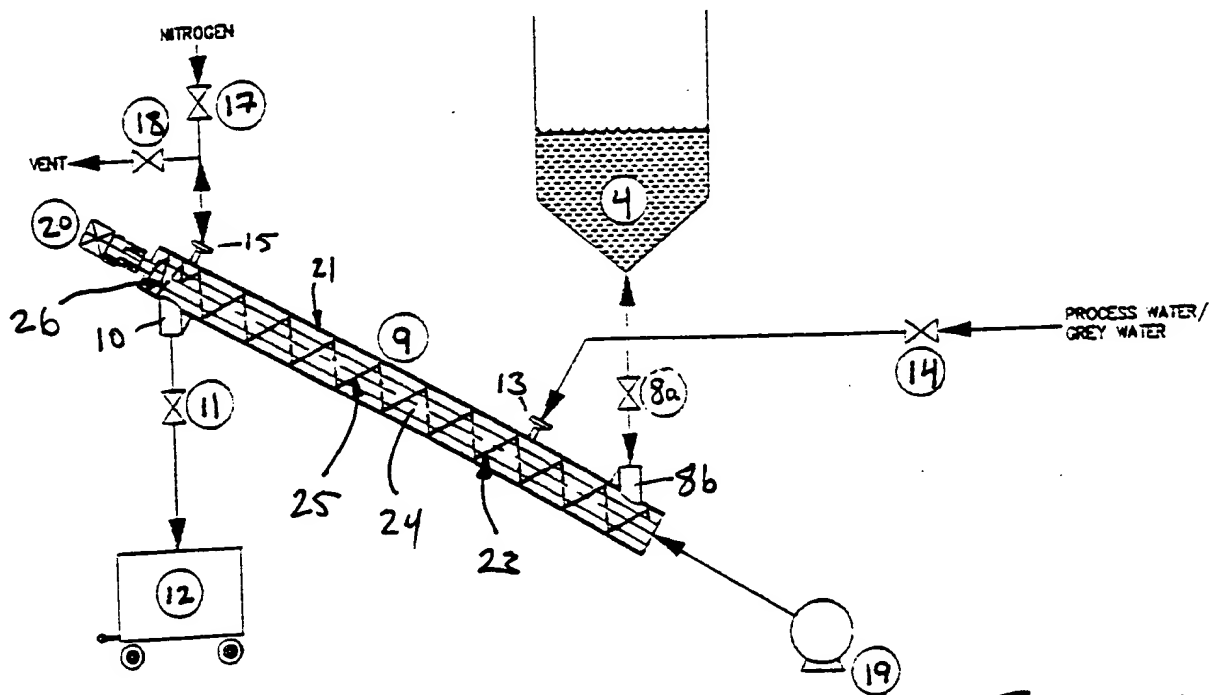


FIG. 2b

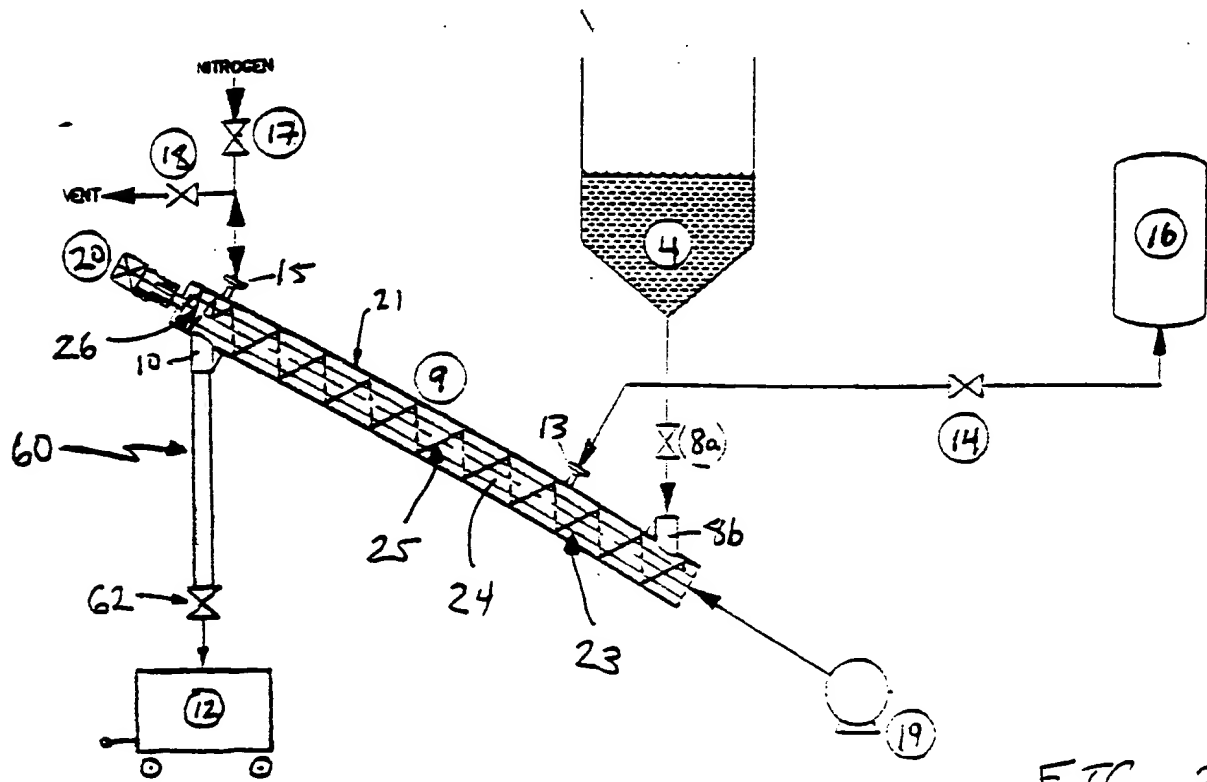


FIG. 2c

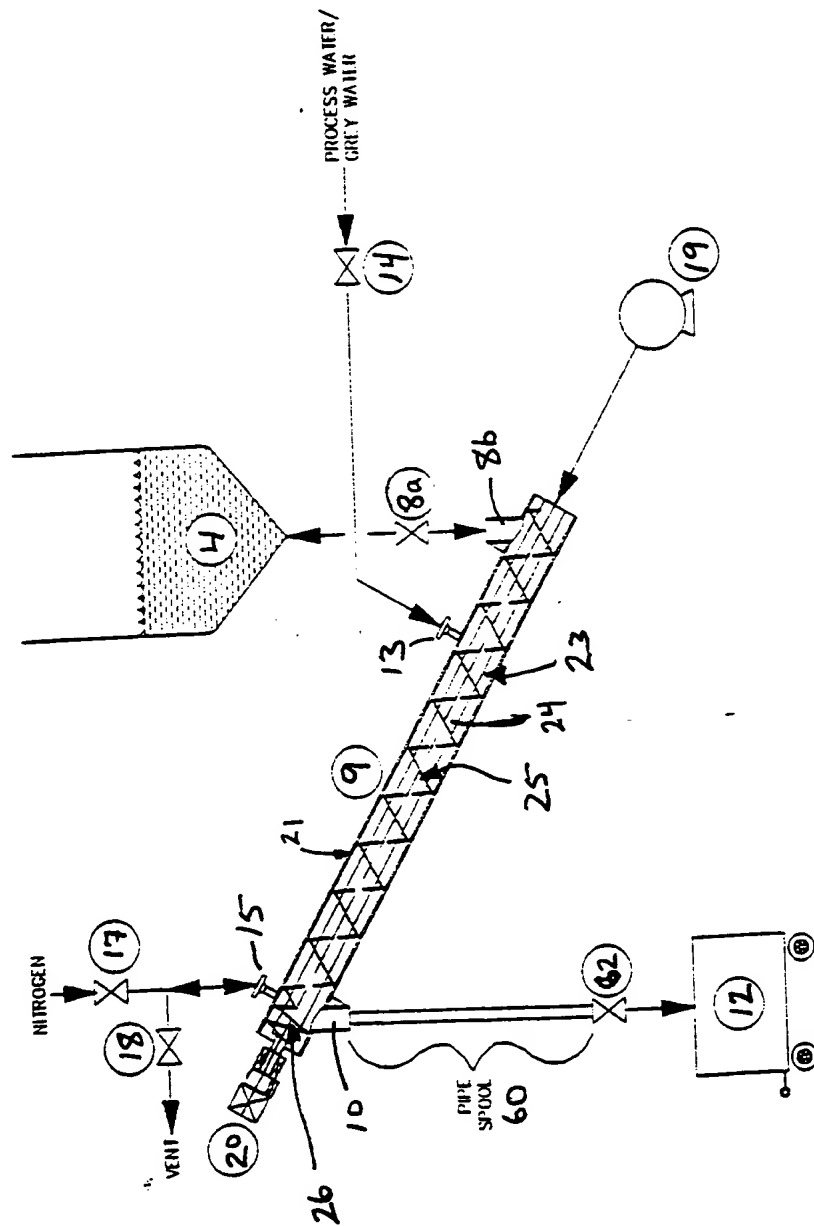


FIG. 2d

PROCESS WATER/
GREY WATER

NITROGEN

VENT

DISCHARGE
PIPE
SPOOL
60

VENT

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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FIG. 3a

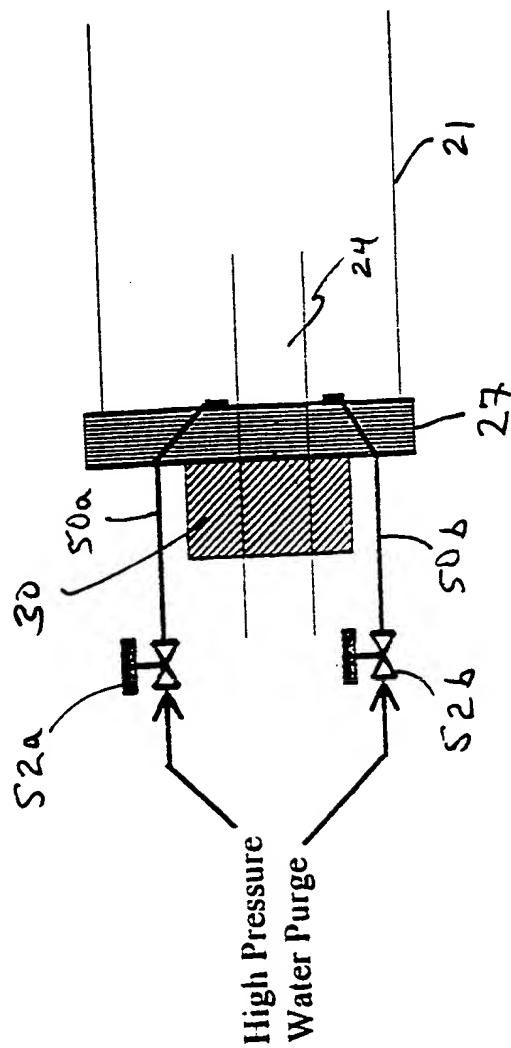


FIG. 3b

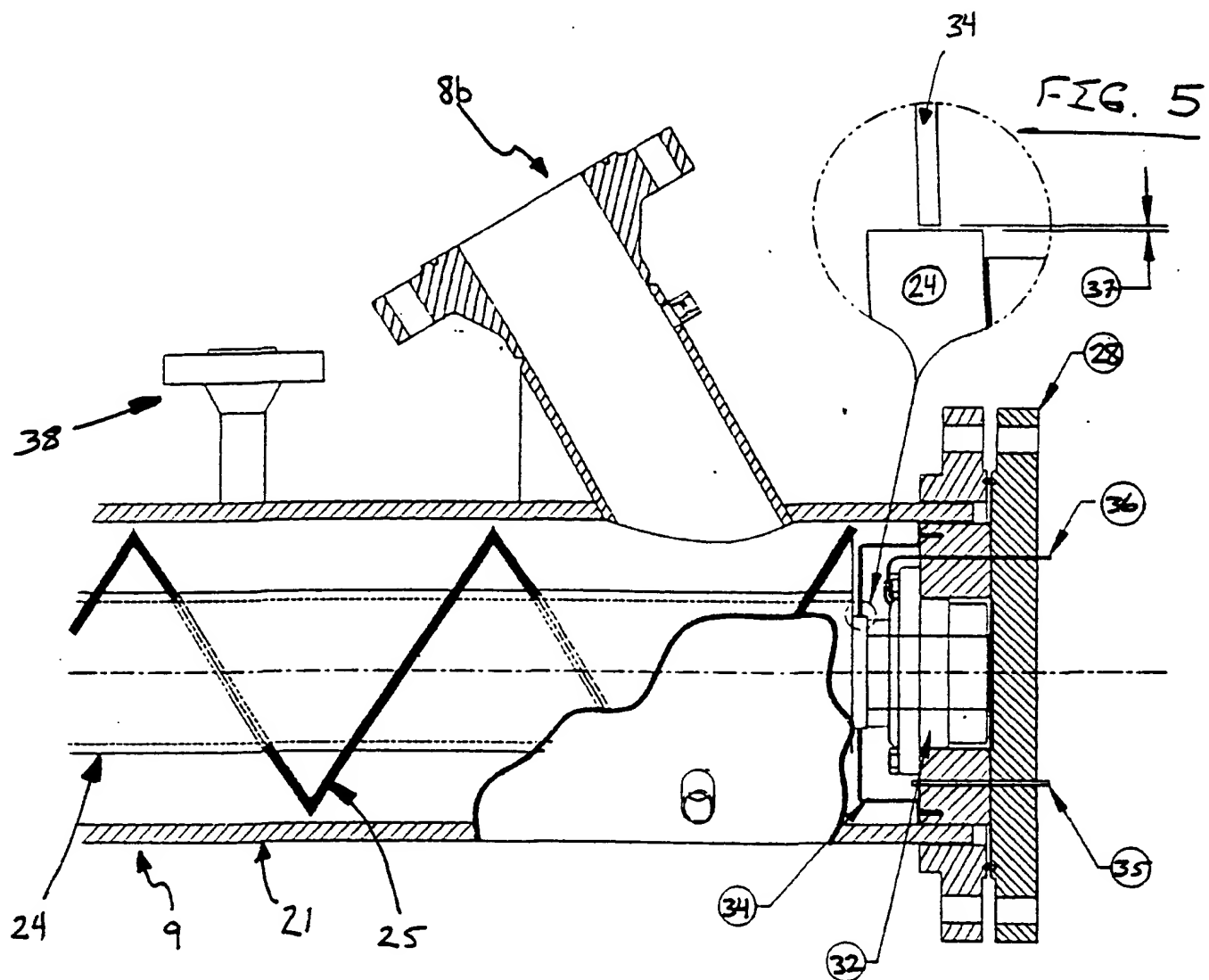
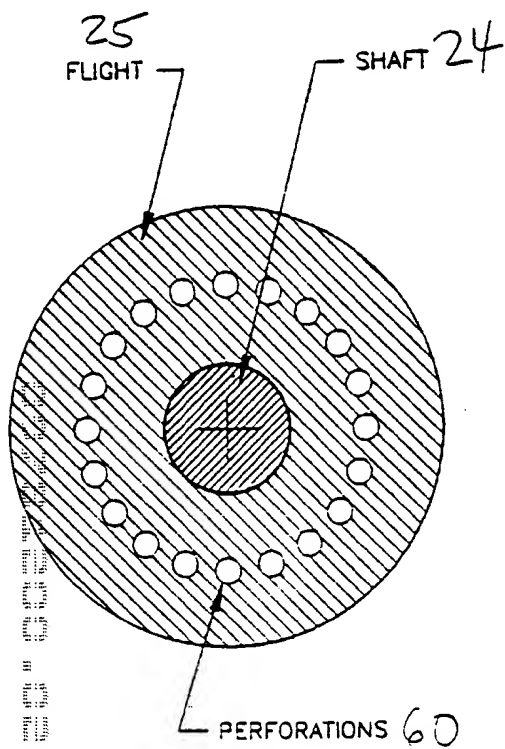
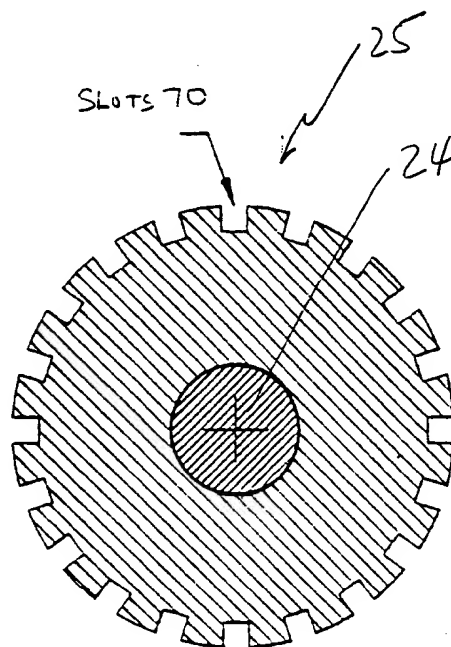


FIG. 4



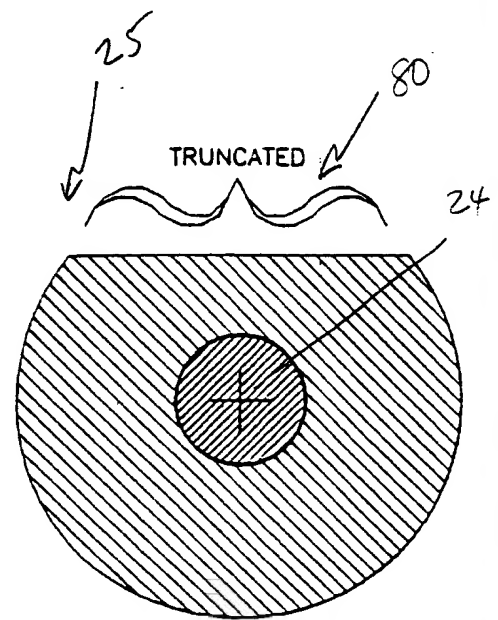
PERFORATED
FLIGHT

FIG. 6



SLOTTED
FLIGHT

FIG. 7



PARTIALLY TRUNCATED
FLIGHT

FIG. 8

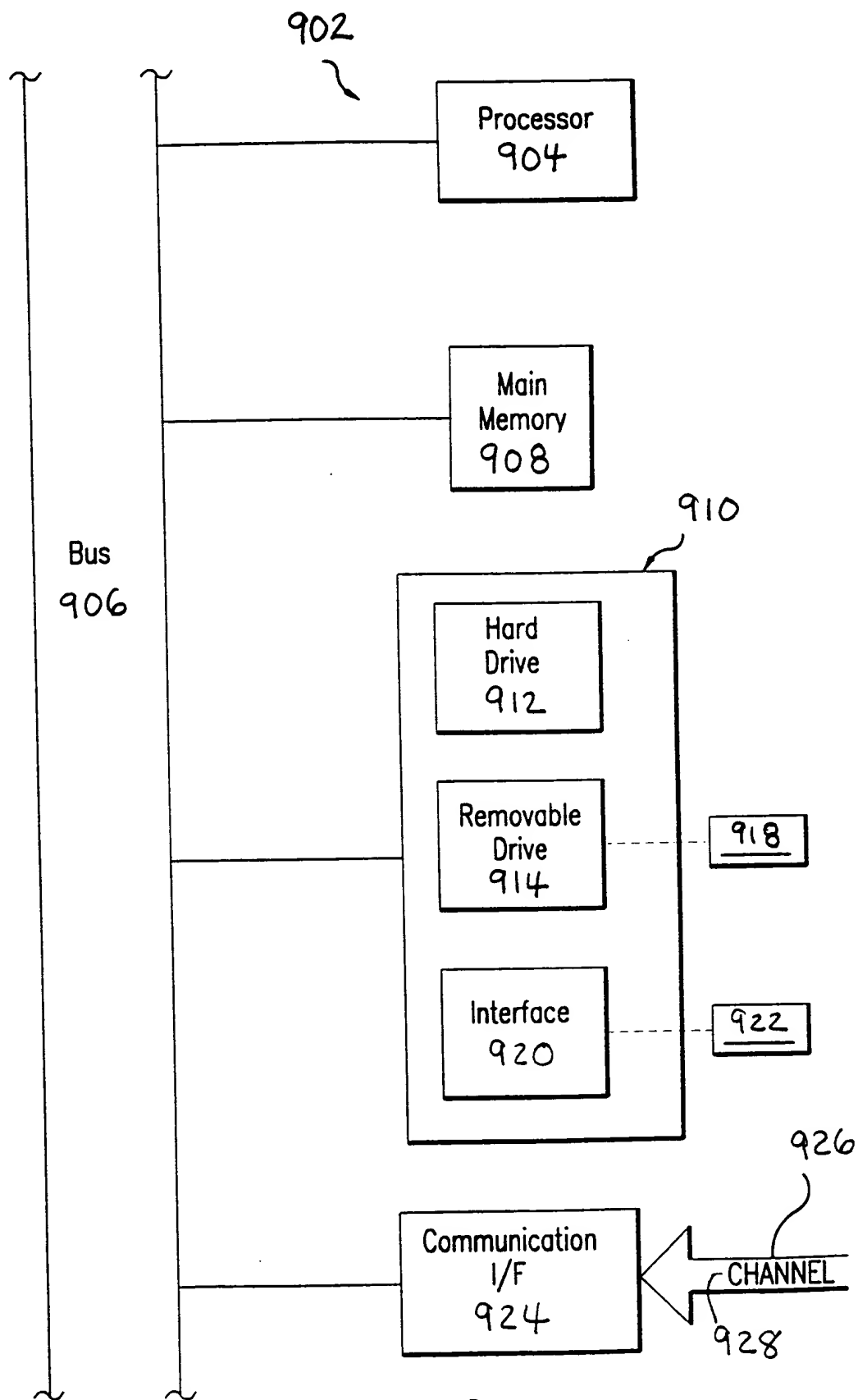


FIG. 9